

Crowe & Dunlevy

A PROFESSIONAL CORPORATION

ATTORNEYS AND COUNSELORS AT LAW
1800 MID-AMERICA TOWER
20 NORTH BROADWAY
OKLAHOMA CITY, OKLAHOMA 73102-8273
(405) 235-7700
FAX (405) 239-6651
www.crowedunlevy.com

TULSA
500 KENNEDY BUILDING
321 SOUTH BOSTON AVENUE
TULSA, OKLAHOMA 74103-3313
(918) 592-9800
FAX (918) 592-9801
DAN P. DOOLEY
DIRECT LINE (405) 235-7728
DIRECT FAX (405) 272-5951

NORMAN
THE HiPOINT OFFICE BUILDING
2500 SOUTH MCGEE, SUITE 140
NORMAN, OKLAHOMA 73072-6705
(405) 321-7317
FAX (405) 360-4002
AT&T MAIL crowedun!dooleyd
INTERNET dooleyd@crowedunlevy.cr
X.400 /C=us/A=attmail/O=attmail/DT
=crowedun!dooleyd

April 30, 2001

Express Mail Receipt No. ET096926059US
Deposited on April 30, 2001

BOX ASSIGNMENT

Director - U.S. Patent and Trademark Office
Washington, D.C. 20231

Re: U.S. Patent Application entitled WRITING SERVO SECTORS TO A DISC
DRIVE USING OFFSET HEADS
Inventors: Qiang Bi, Xiong Liu, Kevin A. Gomez, Jimmy T. Pang and
ChoonKiat Lim
Filing Date: April 30, 2001
Our Docket: 23182

Sir:

Enclosed for recording is the Assignment for the following United States patent
application:

U.S. Patent Application entitled WRITING SERVO SECTORS TO A DISC
DRIVE USING OFFSET HEADS
Inventors: Qiang Bi, Xiong Liu, Kevin A. Gomez, Jimmy T. Pang and
ChoonKiat Lim
Filing Date: April 30, 2001
Assignee: Seagate Technology LLC
Our Docket Number 23182

A Recordation Form Cover Sheet - Patents Only, Form PTO-1595, is provided for the
above documents. A check in the amount of \$40.00 is also enclosed to cover the recording fee.
Should additional fees be required, you are hereby authorized to charge same to Deposit Account
No. 13-0110.

BOX ASSIGNMENT

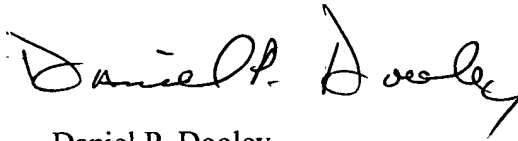
Director - U.S. Patent and Trademark Office

April 30, 2001

Page 2

The enclosed documents are being sent by Express Mail Receipt No. ET096926059US on April 30, 2001.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Daniel P. Dooley". The signature is fluid and cursive, with the first name "Daniel" and last name "Dooley" clearly distinguishable.

Daniel P. Dooley
Reg. No. 46,369

DPD/tl
Enclosures

ENCLOSURE

05-02-01

EXPRESS MAIL RECEIPT NO. ET096926059US
DEPOSITED ON APRIL 30, 2001

A

PATENT
DKT. 23182

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): **Qiang Bi, Xiong Liu, Kevin A. Gomez, Jimmy T. Pang and ChoonKiat Lim**

For (title): **WRITING SERVO SECTORS TO A DISC DRIVE USING OFFSET HEADS**

1. Type of Application

This transmittal is for an original (nonprovisional) application.

2. Papers Enclosed

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design) Application

21 Pages of Specification

13 Pages of Claims

4 Sheets of Drawings--Formal

B. Other Papers Enclosed

3 Pages of Declaration-Signed by Inventors

1 Pages of Abstract

2 Pages of Power of Attorney

3. Additional Papers Enclosed

Information Disclosure Statement (37 C.F.R. 1.98), including Form PTO/SB/08A and 08B (formerly PTO 1449) and nine (9) cited patent references.

Acknowledgment postcard

4. Declaration or Oath

Enclosed and Executed by the inventors, Qiang Bi, Xiong Liu, Kevin A. Gomez, Jimmy T. Pang and ChoonKiat Lim

5. Inventorship Statement

The inventorship for all the claims in this application is the same.

6. Language

English

7. Assignment

An assignment of the invention to Seagate Technology LLC is attached. A separate FORM PTO 1595 is also attached.

8. Fee Calculation (37 C.F.R. Section 1.16)

Regular Application

CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$710.00
Total Claims (37 CFR 1.16(c))	30	- 20 =	10 x	\$18.00	\$180.00
Independent Claims (37 CFR 1.16(b))	3	- 3 =	0 x	\$80.00	\$0.00
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$270.00	\$0.00
Filing Fee Calculation					\$890.00

9. Fee Payment Being Made at This Time

Enclosed

Filing Fee \$890.00

Recording assignment (\$40; 37 C.F.R. Section 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".) \$40.00

Total Fees Enclosed \$930.00

10. Method of Payment of Fees

Checks in the amount of \$890.00 for filing fee and \$40.00 for recording of Assignment are attached.

11. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 13-0110.

37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)

37 C.F.R. Section 1.16(b), (c) or (d) (presentation of extra claims)

37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to SECTION 1.136(a))

12. Instructions as to Overpayment

Refund.

**ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF
PRIOR U.S. APPLICATION CLAIMED**

13. Relate Back

A. 35 U.S.C. Section 119(e)

"This application claims the benefit of U.S. Provisional Application No.:
APPLICATION NO. FILING DATE

60/235,592

09/27/2000

14. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

- a. This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventors in this application are the same.

Respectfully submitted,

Date: 4/30/01

Daniel P. Dooley

Randall K. McCarthy, Reg. No. 39,297
Bill D. McCarthy, Reg. No. 26,772
Daniel P. Dooley, Reg. No. 46,369
Martin A. Weeks, Reg. No. 37,753
Timothy J. Bechen, Reg. No. 48,126
CROWE & DUNLEVY, P.C.
1800 Mid-America Tower
20 North Broadway
Oklahoma City, Oklahoma 73102
405-235-7700 Telephone
405-239-6651 Fax